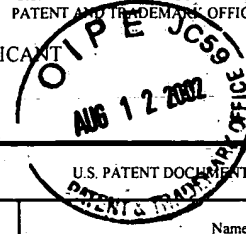


Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1703		SERIAL NO. 09/844,175	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Warren M. Farnworth et al.		FILING DATE April 27, 2001	
				GROUP 2858			



U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PK	AA	4571540	2/18/1986	Stowers et al.	324	761
PK	AB	5838160	11/17/1998	Beaman et al.	324	754
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
	AR		
	AS		
	AT		

EXAMINER <i>R. J. [Signature]</i>	DATE CONSIDERED 10-25-02
-----------------------------------	--------------------------

RECEIVED

AUG 21 2002

TECHNOLOGY CENTER 2800

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

part of paper #12

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1703		SERIAL NO. 09/844,175	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Warren M. Farnworth et al.			
FILING DATE April 27, 2001				GROUP 2858			

O I P E J C B T
 AUG 24 2001
 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
PK	AA 4,566,184	1/86	Higgins et al.	29	840		
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
	AR		
	AS		
	AT		

EXAMINER <i>R. Farnworth</i>	DATE CONSIDERED 11-20-01
------------------------------	--------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

part of paper #6

Form PTO-1449 JUN 19 2001 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1703		SERIAL NO. 09/844,175				
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Warren M. Farnworth et al.				
FILING DATE April 27, 2001				GROUP 2858				
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>PK</i>	AA	6,093,643	7/25/00	Akram	438	652		
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER <i>[Signature]</i>				DATE CONSIDERED 11-20-01				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

RECEIVED
 JUN 25 2001
 TC 2800 MAIL ROOM

part of paper #5

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
MI22-1703

SERIAL NO.
09/844,175

APPLICANT
Warren M. Farnworth et al.

FILING DATE
April 27, 2001

GROUP
2858

LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PK	AA	6,002,266	12/99	Briggs et al.	324	758	7-7-2001
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

AR		
AS		
AT		

EXAMINER *[Signature]*

DATE CONSIDERED 11-20-01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

part of paper #4

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1703	PRIORITY SERIAL NO. 09/411,139
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Warren M. Farnworth et al.	
				PRIORITY FILING DATE October 1, 1999	PRIORITY GROUP 2858

U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
RK	AA	4,105,970	08/1978	Katz			
RK	AB	4,141,055	02/1979	Berry et al.			
RK	AC	4,182,781	01/1980	Hooper et al.			
RK	AD	4,189,825	02/1980	Robillard et al.			
RK	AE	4,312,117	01/1982	Robillard et al.			
RK	AF	4,417,206	11/1983	Stowers			
RK	AG	4,499,656	02/1985	Fabian et al.			
RK	AH	4,585,991	04/1986	Reid et al.			
RK	AI	4,881,118	11/1989	Niwayama et al.			
RK	AJ	4,924,589	05/1990	Leedy			
RK	AK	4,929,999	05/1990	Hoeberechts et al.			

FOREIGN PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
RK	AL	329314	08/89	European			
RK	AM	57143838	09/82	Japan			
RK	AN	2-5540	01/90	Japan			
RK	AO	2232946	09/90	Japan			
RK	AP	53171	03/91	Japan			

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
*Examiner Initial	Reference Number	Moto'o Nakano, "A Probe for Testing Semiconductor Integrated Circuits and a Test Method Using Said Probe", 25 March 1991, Japanese Patent Office Disclosure No. Hei 3-69131, Filing No. Hei 1-205301, filing date 8 August 1989.	
	AS		
	AT		

EXAMINER <i>RK</i>	DATE CONSIDERED 11-20-01
--------------------	--------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

part of paper #3

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1703	PRIORITY SERIAL NO. 09/411,139			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Warren M. Farnworth et al.				
				PRIORITY FILING DATE October 1, 1999	PRIORITY GROUP 2858			
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>RK</i>	AA	4,937,653	06/1990	Blonder et al.	 	 		
<i>RK</i>	AB	4,952,272	08/1990	Okino et al.	 	 		
<i>RK</i>	AC	4,963,225	10/1990	Lehman-Lamar	 	 		
<i>RK</i>	AD	5,014,161	10/1990	Lee et al.	 	 		
<i>RK</i>	AE	5,032,541	07/1991	Sakamoto et al.	 	 		
<i>RK</i>	AF	5,045,780	09/1991	Swart	 	 		
<i>RK</i>	AG	5,072,116	12/1991	Kawade et al.	 	 		
<i>RK</i>	AH	5,103,557	04/1992	Leedy	 	 		
<i>RK</i>	AI	5,137,461	08/1992	Bindra et al.	 	 		
<i>RK</i>	AJ	5,177,438	01/1993	Littlebury et al.	 	 		
<i>RK</i>	AK	5,177,439	01/1993	Liu et al.	 	 		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>RK</i>	AL	108350	05/91	Japan	 	 		
<i>RK</i>	AM	410446	01/92	Japan	 	 		
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER <i>R. Farnworth</i>				DATE CONSIDERED <i>11-20-01</i>				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

part of paper #3

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MI22-1703PRIORITY SERIAL NO.
09/411,139LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Warren M. Farnworth et al.PRIORITY FILING DATE
October 1, 1999PRIORITY GROUP
2858

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
RK	AA	5,206,585	04/1993	Chang et al.			
RK	AB	5,245,135	09/1993	Schreiber et al.			
RK	AC	5,262,718	11/1993	Svensen et al.			
RK	AD	5,307,561	05/1994	Feigenbaum et al.			
RK	AE	5,323,035	06/1994	Leedy			
RK	AF	5,326,428	07/1994	Farnworth et al.			
RK	AG	5,353,195	10/1994	Fillion et al.			
RK	AH	5,402,077	03/1995	Agahdel et al.			
RK	AI	5,468,917	11/1995	Brodsky et al.			
RK	AJ	5,523,697	6/1996	Farnworth et al.			
	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

11-20-01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

part of paper #3

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-1703	PRIORITY SERIAL NO. 09/411,139			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Warren M. Farnworth et al.				
				PRIORITY FILING DATE October 1, 1999	PRIORITY GROUP 2858			
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
RK	AA	3,412,456	11/26/68	Ebisawa				
RK	AB	3,469,019	09/23/69	Reimann				
RK	AC	4,315,984	02/16/82	Okazaki et al.				
RK	AD	5,196,251	03/23/93	Bakhru et al.				
RK	AE	5,235,140	08/10/93	Reele et al.				
RK	AF	5,239,260	08/24/93	Widder et al.				
RK	AG	5,334,804	08/02/94	Love et al.				
RK	AH	5,367,253	11/22/94	Wood et al.				
RK	AI	5,419,807	05/30/95	Akram et al.				
RK	AJ	5,431,328	07/11/95	Chang et al.				
RK	AK	5,471,151	11/28/95	DiFrancesco				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER <i>R. Robert</i>				DATE CONSIDERED <i>11-20-01</i>				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

part of paper #3

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MI22-1703	PRIORITY SERIAL NO. 09/411,139			
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Warren M. Farnworth et al.				
				PRIORITY FILING DATE October 1, 1999	PRIORITY GROUP 2858			
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
RK	AA	5,477,087	12/19/95	Kawakita et al.				
RK	AB	5,478,779	12/26/95	Akram				
RK	AC	5,559,444	09/24/96	Farnworth et al.				
RK	AD	5,625,297	04/29/97	Arnaudov et al.				
RK	AE	5,716,218	02/10/98	Farnworth et al.				
RK	AF	5,790,377	08/04/98	Schreiber et al.				
RK	AG	5,831,832	11/03/98	Gillette et al.				
RK	AH	5,849,633	12/15/98	Akram				
RK	AI	5,869,787	02/09/99	Akram				
	AJ	5,471,151	11/28/95	DiFrancesco <i>Duplicate</i>				
RK	AJ	5,420,520	5/30/95	Anschel et al.				
RK	AK	5,541,525	7/1996	Wood et al.				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER <i>R. Robert</i>				DATE CONSIDERED <i>11-20-01</i>				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

part of paper #3